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**5-STAR
FUNK'S
G-HYBRIDS**



Consistently Good!
...YEAR AFTER YEAR



Good Farming plus Good Seed **makes GOOD PROFITS**

Next season, it's important for you to get the most bushels per acre that your farm can produce. Regardless of what seed corn you plant, you will get the best results only if you give your seed all the help you can. Here are a few tried and proven steps that pay off:

1. Use proven moisture and soil conservation and rotation practices — this year and every year. Provide legumes and grasses. Maintain nitrogen content. Start a long range fertility program now, if you haven't already.
2. This year, be sure your seed bed is thoroughly prepared, with trash well covered and pulverized (get rid of borers in old stalks). Manure or other organic matter and added fertilizer are important. Take time to do the job right. Give your seed the chance to do its best.
3. Plant at the regular time; watch the weeds and bugs and cultivate or spray to meet conditions. Harvest as early as possible.
4. Plant good seed only. You can not afford to throw away *extra bushels per acre* to save a few cents per acre in seed cost.

Balanced Performance in Funk's G-Hybrids:

★ Fast Starting ★ Disease Resistance ★ Standability
★ Insect Resistance ★ Drouth Resistance
For High Yields of Quality Corn



HIGH YIELD ON EVERY ACRE IS YOUR JOB Our Job Is Producing Better Hybrid Seed Corn

Of course, we want to sell you Funk's G-Hybrid seed corn—but we will never make any untrue claims. Performance and yields under actual farming conditions are the best proof of the outstanding qualities of 5-Star Funk's G. Your own experience and your dealer's recommendations should guide you in choosing the correct G-Hybrids for your farm.

You have seen fields standing well while others were flattened by wind, insect damage, disease, poor stalk quality or a combination of those crop destroyers. You have seen wide variations in stands, in years when the spring was cold and damp, or exceptionally dry. You may have seen drouth burn the profits out of one field, while across the road, another came through with a good yield.

Where other hybrids may fail—Funk's G-Hybrids pay off when the going gets tough . . . Because they have the balanced 5-Star qualities bred-in and improved by over 30 years of nation-wide research. For the story behind the 5-Star qualities, read Pages 4 through 8.

Five Star Performance THROUGH RESEARCH ...*fast starting*



HIGH GERMINATION, RAPID GROWTH, VIGOROUS PLANTS

1. Assure a good stand even under adverse conditions
2. Let you cultivate earlier for better weed control
3. Help beat summer drouth; speed maturity in fall

What's *inside* the kernel of seed corn you plant is more important than any artificial coating *outside*.* Funk's G-Hybrids have bred-in ability to germinate and grow fast—even if the weather is cool and damp. This startability means a full, uniform stand of vigorous plants. And they keep going! They put you ahead of the weeds. You can cultivate early. The sturdy, well established G-Hybrid plant is prepared to resist summer drouth and insect attack. And rapid spring growth means extra days for filling and maturing the ear in the fall.

*Of course, Funk's G seed is treated with latest proven methods for protection against seedling diseases.



◀ **FROM HERE TO HERE IN JUST 13 DAYS** ▶

Proof of rapid early growth, these photos show the same Funk's G-Hybrid plants at 4 days, 10 days and 17 days after emergence. Marks on the stake are an inch apart.

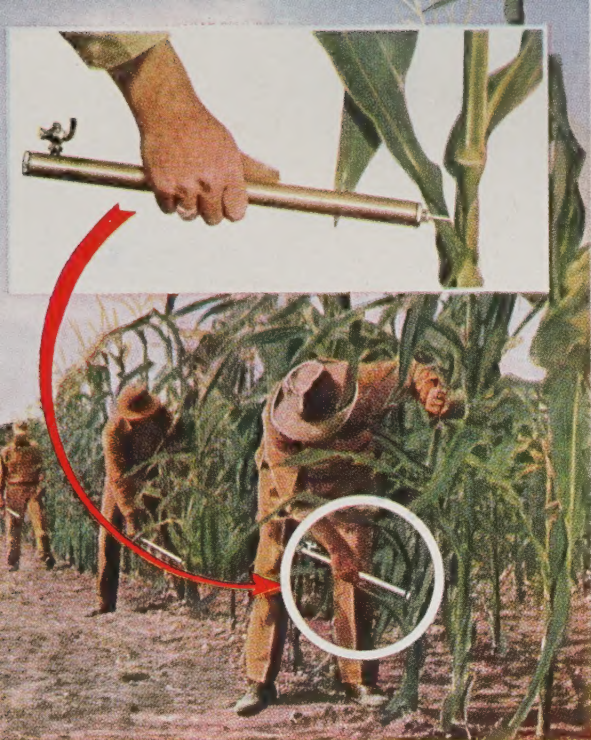
Five Star Performance THROUGH RESEARCH

...disease resistance

At cribbing time, you'll see the big pay-off of disease resistance when you bring in good quality corn, free from ear rots, smut and mold. Down corn and dropped ears are common where disease resistance is lacking. Ear and stalk rots, smut, blights and wilts often attack corn that has been damaged by weather or insects. Funk's G-Hybrids have *bred-in* ability to resist those diseases which may seriously injure plants lacking that important 5-Star quality.



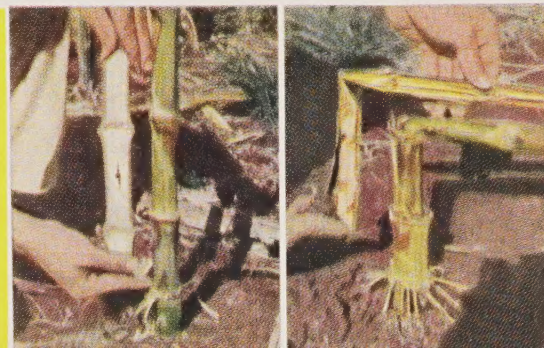
Vaccination protects animals from disease. Bred-in resistance protects 5-Star Funk's G-Hybrids.



Funk Research workers are constantly improving disease resistance by selecting highly-resistant lines for breeding. Thousands of stalks are inoculated with disease organisms, to determine their reaction.

RESISTANT

Several weeks after inoculation, this highly-resistant plant showed no ill effects. The damaged area had been quickly "corked off" and healed before stalk rots could establish themselves.



NON-RESISTANT

This stalk was also inoculated with the same stalk rot disease organisms, but it lacked the ability to seal off the damaged area and stop the spread of disease. Stalk breakage resulted.

Redwood trees are Nature's best example of standability. Some of these giant trees were standing when Columbus discovered America. Of course, you don't want standability like that. But you do want corn that stands and holds its ears long after the usual harvest season, if necessary. In 5-Star Funk's G-Hybrids, strong, stiff stalks, well anchored by a good root system, come through standing, in spite of insects, disease and tough weather. This bred-in standability has been intensified by years of selection.

Five Star Performance

THROUGH RESEARCH

...standability

Over much of the Corn Belt, 1949 will be remembered as one of the toughest years for growing a good corn crop since hybrids were introduced. Widespread ravages of corn borers plus high winds early in October resulted in flattened corn and many dropped ears. But strong-standing 5-Star Funk's G-Hybrids came through with good yields, where many competing hybrids were inferior.

In your fields, this year—get that extra measure of protection given by adapted 5-Star Funk's G-Hybrids . . . Bred for standability. They *stand* and *hold their ears* for fast, clean machine husking.





Five Star Performance THROUGH RESEARCH ...insect resistance

Corn borers took heavy toll last year.
Will they be as bad next season?
Meet the situation with 5-Star hybrids.

You can't get rid of all the bugs that rob your cornfield. But you've got a big effective helper in fighting them off, when you plant 5-Star hybrids.

Funk research uses all possible approaches to get greater practical resistance to insects in the many areas where G-Hybrids are grown. For example, certain G-Hybrids simply don't attract corn borers. To help meet your problems, your dealer can recommend 5-Star Funk's G-Hybrids with outstanding resistance to the common enemies of corn, including borers, chinch bugs, ear worms and root worms.

HERE'S HOW G-HYBRIDS HELP YOU BEAT BORERS

The photograph at the left shows an adapted 5-Star G-Hybrid from a field in a heavily infested corn borer area. Only one borer had entered the stalk—and the damage was light. This stalk went on producing a good ear. But

—see what happened after borers entered a non-resistant stalk (shown with a resistant stalk in the photo on the right). Standability and disease resistance are on the 5-Star team that helps you beat these crop robbers.



Five Star Performance **THROUGH RESEARCH** **...drouth resistance**



Every summer, somewhere—5 Star Funk's G-Hybrids have to face long dry spells. Other varieties may fire badly and fail, while under the same conditions, G-Hybrids pick up and make a crop after rain comes! Roots figure in this. But plants, too! Funk's G-Hybrids have bred-in capacity to extract, conserve and use most effectively the moisture that is available. Careful breeding selection has emphasized this quality in 5-Star G-Hybrids. This improvement program continues, year after year, in Research Plots located in every important corn growing area.

It's hard to believe, but it's true . . . That fifty gallons of water are needed to produce a good ear of corn. Put it another way. Three barrels of water were used by the corn plants pictured at the right to make those three ears. When water is scarce—then you need a hybrid that stretches the limited supply most effectively. Depend on Funk's G!





5-Star Qualities Add Up to Bigger Yields

... and **BETTER CORN, too!**

Good farmers know a good thing. They stick to Funk's G. They get the big pay-off from Funk Research that's Nation-wide and 30 Years Deep. Funk Research is a non-stop job—that never lets up on improving the famous 5-Star qualities which keep Funk's G-Hybrids Consistently Good, Year after Year. In your fields, this means bigger yields, better corn.

You can't tell by looking at the seed what kind of a crop it will grow. It's what each of these kernels contains, unseen, inside—that decides whether or not your corn yield will be tops in your neighborhood—in both yield and quality, in good seasons or poor. Next season—be sure you get every one of the bred-in 5-Star Qualities. Plant Funk's G!

Consistently Good
YEAR AFTER YEAR



**For Short Season Areas of Michigan
and Wisconsin, Here's the Corn for You**

FUNK'S G-188

Wisconsin farmers call this 90-day corn. Early enough to make sound corn at Traverse City, Michigan. A good starter; keeps growing even when nights are cool; dries out fast. Slightly white-capped kernels shell out bright yellow. Useful on peat or muck ground of central Michigan. G-188 is one of the top early hybrids offered for sale today. Does a real job in its adapted territory.

FUNK'S G-35

Excellent companion to G-188; about two days later maturing. Belongs in central to north central Michigan, and 90-92 day maturity area in Wisconsin. Makes high yields for an early hybrid. Muck ground can produce fine crops of sound corn with G-35. Deep, white-capped kernels shell out yellow. Starts fast and dries out fast after maturity. Order your seed supply now.



Early Hybrids of Happy Surprises

"How can they make such big ears and shell out so well?"

FUNK'S G-6 Top choice for big yields in the 100-105 day maturity region of Wisconsin, across Michigan from the "thumb" to Oceana county on the west, and in northeastern Indiana, extreme northwestern Ohio and northeastern Ohio. Made hundreds of new friends in 1949. Stands up, holds its ears, in spite of tough weather and insects. Excellent for machine harvest. Slightly white-capped.

FUNK'S G-1A A great companion hybrid for G-6; about the same maturity. Short stalked and big eared. Time after time, customers say something like this: "It fools you on yield. Grows big ears and yet it's sure early. And shell out! G-1A always over-runs." Dries out well. Fine feeding corn. On the early side at Prairie Du Sac, Wis. Does a fine job in cool clay of northeastern Ohio.

FUNK'S G-68 NEW. DIFFERENT. GOOD . . . One of the brand new early G-Hybrids, thoroughly proved. About the same maturity as G-6 and G-1A. Ask your dealer about it.



Across Northeastern Iowa, Northern Illinois, Northern Indiana, Southern Wisconsin, Southern Michigan and Northeastern Ohio

FUNK'S G-30 Rockets Ahead!

Since it was introduced three years ago, high-yielding G-30 has won a bigger following, faster, than any other hybrid of this maturity that we have ever produced. Farmers who try it once say "That's the corn I want!" G-30 is five to seven days later in maturity than our G-6 and five to seven days earlier than G-29. It grows fast, matures big ears of deep-kerneled corn on good stalks, and has a fine reputation for holding its ears. White-capped, but shells out yellow. A fast drier. Fine picker corn.

FUNK'S G-12 An old standby in the areas where G-30 is doing so well, G-12 also is widely adapted in the central, south central and southern Corn Belt for extremely late planting. Can make good corn when planted as late as July 1 in the Wabash Valley of southwestern Indiana and similar areas.

Widely Adapted to Soils and Seasons . . . A Great Old Favorite of Many Farmers

FUNK'S G-29

For dependable performance and yields over a broad area, Funk's G-29 is a hybrid that's hard to beat. Deep-kerneled, medium-dent ears of G-29 are popular throughout the north central Corn Belt. It comes through with good corn from southern Wisconsin and southern Michigan on down into the central Corn Belt. A great favorite for late planting in the south central area. Over the years, G-29 has won a great reputation, coming through against corn borer and other hazards. Noted for excellent stalk; can stand against summer storms and fall winds. Great picker corn. Turns high fertility into big yields of beautiful golden ears, yet makes good corn on thin soil, too.

FUNK'S G-28 Distinctively different and good. Just a day or two earlier than G-29, this new hybrid already has been widely accepted. Has unusually deep kernels and a small cob. Its golden ears are long, medium dent. Has a fine stalk, holds its ears well for mechanical picking. Starts fast, even in backward weather, and dries out rapidly.

FUNK'S G-114 Another grand old performer and top companion for G-29. Comes through tough going. Short-shanked—not showy. But it holds its ears and it makes top yields. Excellent stalk quality, too. An excellent example of "ripe ears on green stalks," developed by Funk Research.

There IS a difference in the way hybrids SHELL OUT

Deep kernels and high row number on the ears are two big items that make Funk's G-Hybrid growers say: "It's hard to beat Funk's G for shelling out. They nearly always shell out more than you'd guess."

It takes a girthy, solid ear, with a good-sized cob, to give you top shelling percentage.

5-Star performance of G-Hybrids helps you get away from immature ears, diseased ears and drouth damaged ears—which are the causes of chaffy ears that cut down shelling percentage.

Kernel depth and quality help make G-Hybrids "weigh heavy." Then, when you have sixteen or eighteen rows packed on the cob, you've got the complete answer.

In good seasons or poor—the famous 5-Star qualities that are bred in for balanced performance keep on working for you all season long—and you get the pay-off in quality as well as yield.





Ripe Ears on Green Stalks mean
Longer Stalk Life...Better Quality
Bigger Yields...Superior Standability

The maturity pattern of Funk's G-Hybrids, developed by Funk Nationwide Research, has changed the thinking of farmers. More and more, they are asking for the corn that ripens its ears while stalks and leaves are still green. In G-Hybrids, the ear gets first call on plant food, in the critical days of the late growing season. The ear fills and ripens and finishes its kernels for maximum quality. Then, after the ear is mature, the green stalks and leaves keep right on making and using sugars that become tough, woody fibers, reinforcing the stalks and shanks. The result is a big sound ear attached by a "live" shank to a sturdy stalk that is highly resistant to stalk rot diseases. Faster, cleaner husking with less corn left in the field, and quality in the crib are your pay-off.



"Best Corn in '49" ... **FUNK'S G-16A**

Many farmers saw Funk's G-16A come through heavy borer attack and stand up and hold its ears through high winds—better than any other corn in their neighborhood. Typical comment from our files: "Best corn ever . . . fewer dropped ears . . . stands borer better." Widely-adapted G-16A is medium season for the north central Corn Belt, full season in southwestern Wisconsin and northern Illinois, and popular as far south as Bloomington, Ill., Indianapolis, Ind., and Columbus, Ohio. High-yielding, sturdy-stalked, long, sound, deep-kerneled ears. Starts fast, grows rapidly. Really shells out, too.

G-77A A fine new companion for G-16A (just a trifle later). Extra fine stalk quality, high yielder. Does well on soils that have been farmed hard. Excellent as an early corn farther south.

G-50 Another new medium maturity hybrid, earlier than G-37, later than G-16A. Excellent stalk with fine standing ability. Produces wonderful quality corn. Starts fast in the spring.

Always Good . . . **FUNK'S G-37**

Long known as a standout 5-Star performer in the central Corn Belt. Yields well, with extra strong stalks. Noted for resistance to borer and leaf blight. Famous for high yields of feeder's type corn. And it certainly does shell out. Beautiful in the field. Goes well on many soil types and fertility levels. A favorite in cash grain areas of central Illinois and western Indiana and livestock areas of western Illinois, central Indiana and Ohio. Funk's G-37 made the top yield, 209.6 bu., in the 1949 official Iowa 10-acre contest, open to all hybrids.

G-53 This great old hybrid is famous for feeding; popular in central Ohio and Indiana stock farms. Early in southern Indiana, medium maturing in central Indiana, Illinois and Ohio. A fine picker corn. Should not be planted thickly except on high fertility soil.

G-170 A great hybrid for northwestern Ohio and north central Indiana. Makes large ears, well dented. A top favorite for many years.





Always Popular — **FUNK'S G-169**

Hundreds of central Corn Belt farmers have learned to depend on G-169 every year for high yields and 5-Star performance. Good resistance to blight and drouth. Does unusually well on lighter soils if not planted thickly. Makes long, well-filled ears, golden amber. A favorite of livestock feeders. This great old G-Hybrid is just earlier than G-94, and a day or two later than G-37.

G-211 Another tried and proven veteran, G-211 was bred and developed for best results on farms of the central Corn Belt which have been farmed hard and are only fair in fertility. Has more than ordinary borer resistance. Medium dent—neither rough nor smooth.

G-93 Here's a new 5-Star performer which is winning many new friends. About the same maturity as G-169. Starts fast, resists drouth, insects and diseases. Has fine standability. Makes good yields of good quality corn. You will want to try it. Order seed now.

FUNK'S G-94 . . . *Still The Champion*

For consistently high yields, Funk's G-94 holds first place among farmers of America's great Corn Belt. Full season in central Illinois and Indiana and central to southern Ohio; medium maturity in southern Illinois and Indiana. Excellent stalk quality; handles beautifully in mechanical pickers; produces high quality corn for market or feed. Tops in yield, grain quality—and comes through!

FUNK'S G-95...*The Coming Champion?*

Now, a new Funk's G-Hybrid is coming to the front rapidly as a fine companion to G-94—and in some areas G-95 may replace the old standby. Just a little earlier than G-94 with ears slightly lower. Short shanks, big, girthy, cylindrical ears. Starts fast, grows rapidly, has excellent resistance to drouth, insects and disease. Has outyielded G-94 in some areas. Funk's G-95 is a proven top corn. Try it.

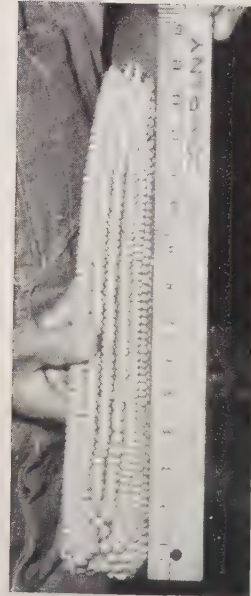




These **LONG-EARED HIGH YIELDERS** are big news in South Central and Southern Illinois, Indiana, Ohio

FUNK'S G-99

Different from any other hybrid you have ever seen or grown. You'll be amazed at the length of the ear (good girth, too)—and at the way G-99 bushels out in the fall. Has set many new records—some over 200 bushels an acre. Dries out well, for early harvest. Fine stalk quality and good resistance to leaf blight. Slightly later than G-94.



FUNK'S G-98

Another new one, just earlier than G-80, but a little faster drying. Big-eared, deep-kerneled—definitely new in breeding and appearance.

Real 5-Star Performers for Big Pay-Off Crops in the Southern Corn Belt

FUNK'S G-80

Long a top favorite among farmers who take pride in producing big, beautiful “show” ears along with all the fine performance and yield qualities that add up to a big pay-off of quality corn. Strong stalks, chinch bug resistance and drouth resistance are a part of the reason for G-80's wide acceptance. This hybrid has produced the highest yields ever made in both the Illinois and Indiana official corn growing contests.

FUNK'S G-90

Another time-tested favorite with excellent resistance to chinch bugs and drouth. Makes good corn on thinner ground—top yields on high fertility. Comes through when the going is tough. Excellent feeding corn. Well-proved G-90 is popular in its adapted area.



CHOOSE THE HYBRID THAT MEETS YOUR NEEDS



In the bag! The best quality seed that careful, thorough modern methods can produce.

We grade carefully. Kernels are checked against planter plates for a uniform drop.

More than eighty Funk's G-Hybrids are being produced this year to meet the requirements of corn growers throughout America. Of these, the 5-Star G-Hybrids described in this Corn Guide have been selected as the top performers and yielders for Corn Belt farms.

Every year, some parts of the corn growing area are hit by drouth, diseases of many kinds, and a wide variety of insect attack. In the Funk nationwide network of proving grounds and field laboratories, Funk's G-Hybrids and experimental hybrids go through the tough tests that those hazards bring.

Only those which are proved, dependable performers under those tough conditions can win and keep a place among the hybrids that are consistently good, year after year. The 5-Star Funk's G-Hybrids which are offered to you are the product of research that's nation-wide and over 30 years deep. That non-stop research never lets up on improving the famous 5-Star qualities.



5-STAR FUNK'S G-HYBRIDS

in order of approximate maturity with page index

Depend on your dealer to help you choose the correct G-Hybrids to make top yields and performance on your farm. You'll want every acre to produce its maximum yield next fall. Depend on adapted 5-Star Funk's G-Hybrids—Consistently Good—Year after Year.

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Gene Funk, Jr., president of the Funk organization, and Dr. Jim Holbert (right), Director of Research, are well pleased with the performance and yield of this Funk's G-Hybrid which came through standing well, in an area where corn borers and high winds had flattened many fields.

ORDER NOW!

Take your dealer's recommendation for the correct Funk's G-Hybrids for your farm.

62.23



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FUNK BROS. SEED CO., BLOOMINGTON, ILL.

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